Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

THE BRYOLOGIST

AN ILLUSTRATED BIMONTHLY

DEVOTED TO

NORTH AMERICAN MOSSES

HEPATICS AND LICHENS

VOLUME XIX

O. E. JENNINGS, Ph.D., Editor-in-Chief

Associate Editors

ABEL JOEL GROUT, Ph.D.

GEORGE N. BEST, M.D.

JOHN M. HOLZINGER, M.S.

ALEXANDER W. EVANS, Ph.D.

LINCOLN W. RIDDLE, Ph.D.

and the

Advisory Board Officers of the Society

PITTSBURGH, PENNSYLVANIA

1916

THE BRYOLOGIST

VOLUME XIX, 1916

INDEX TO LATIN PLANT-NAMES

Acanthocladium ceylonense..... 80
Acrocladium cuspidatum..... 40
Adelanthus decipiens..... 27
Alectoria sarmentosa..... 97
Amblystegiella adnata..... 8
" confervoides..... 45
" Sprucei..... 45
" subtilis..... 45
Amblystegium fluviatile..... 40
" irriguum..... 90
" " var. perplexum 90
" Juratzkanum..... 7
" Kochii..... 7
" orthocladon 47, 72, 90
" porphyrhizon..... 40
" radicale..... 72
" riparium..... 45
" serpens..... 7
" vacillans..... 45
" varium..... 40, 72, 90
Amphidium lapponicum..... 4
Amphoridium Sullivantii..... 39
" lapponicum..... 39
" Mougeotii..... 39
Anacamptodon splachnoides..... 40
Anacolea Webbii..... 82, 95
Andreaeaceae..... 78
Andreaea..... 20, 88
" alpestris..... 47
" crassifolia..... 79
" petrophila..... 39
Aneura latifrons..... 27, 39
" pinguis..... 27
Anoectangium lapponicum..... 39
" Mougeotii..... 39
Anomodon..... 23
" attenuatus..... 40, 71
" rostratus..... 44, 71
" viticulosus..... 40
Anthoceros crispulus..... 13
" Macounii..... 13, 27
" punctatus..... 42
Arthonia impolita..... 96
" rhoidis..... 96
Aplozia towadaensis..... 48
Archidium..... 75, 78
Astomum..... 75
Atrichum Haussknechtii..... 40
" Selwyni..... 40
" undulatum..... 46
" Rutteri..... 95
Aulacomniaceae..... 5
Aulacomnium..... 21, 22
" androgynum..... 44
" palustre..... 5, 39
" " var. cincinnatulum..... 79
" " imbricatum... 5
" turgidum..... 5
Barbula..... 21
" fallax..... 3
" mucronifolia..... 47
" ruralis..... 71
" squarrosa..... 71
" tortuosa..... 39
" unguiculata..... 39
Bartramia..... 21, 22
" crispa..... 39
" ithyphylla..... 5
" Oederi..... 39
" pomiformis..... 44, 71
" stricta..... 49
Bazzania triangularis..... 39
" tricrenata..... 27, 29, 39
" trilobata..... 27, 39, 86
Biatora niveocincta..... 82
" sabuletorum..... 82
Blasia..... 24
Blepharostoma tricophyllum... 27, 39
" setiforme..... 27
Blinda acuta..... 39
Brachymenium lusitanicum..... 79
Brachytheciaceae..... 48
Brachythecium..... 23
" acutum..... 6
" albicans..... 46
" collinum..... 6
" digastrum..... 6, 40
" flexicaule..... 46
" glaciale..... 40
" glareosum..... 6
" Leibergii..... 7
" Nelsoni..... 2, 7
" novae-angliae..... 46
" oxycladon..... 7
" " dentatum.. 7, 73
" plumosum... 7, 26, 40
" populeum..... 40
" reflexum..... 40
" rivulare..... 2, 7, 40
" rutabulum..... 46
" salebrosum..... 6, 40
" Starkei..... 46
Breutelia..... 27
" fusco-aurea..... 80
" pendula..... 80
" Sieberi..... 80
Bruchia..... 75
Bryhnia graminicolor var. Holzingeri.... 73
" Nakanoi..... 48
" noviae-angliae..... 7
Bryaceae..... 5, 78
Bryum..... 21, 22
" acutiusculum..... 39
" affine..... 5
" argenteum..... 5, 47
" bimum..... 44

Bryum caespiticium..... 5, 47
" capillare..... 5, 44
" ceylonense..... 80
" cyclophyllum..... 44
" Duvalii..... 5, 44
" erythrophyllum..... 47
" inclinatum..... 47
" intermedium..... 47
" Knowltoni..... 47
" pallens..... 39
" pallescens..... 39
" pendulum..... 5
" pseudotriquetrum..... 5, 39
" " var. aristatum... 49
" Raui..... 47
" subpurpurascens..... 5
" torquescens..... 47
" ventricosum..... 39
" Weberaeforme..... 95
Buellia oidalea..... 96
" parasema..... 96
" parmeliarum..... 11
" petraea..... 50
" triphragmia..... 96
Buxbaumia..... 21, 69
" aphylla..... 69
" indusiata..... 46
Calliergon..... 22, 23
" cordifolium..... 40
" stramineum..... 40
Calymperes..... 95
" subsalakense..... 94
Calypogeia fissa..... 42
" Neesiana..... 29, 42
" suecica..... 29, 42
" Trichomanis..... 27, 39
Camptochaete thamnioides..... 80
Camptothecium lutescens..... 6
" nitens..... 7, 46
Catharinaea..... 21, 22
" angustata..... 24, 46, 69
" Haussknechtii..... 40
" Selwyni..... 2, 40
" tschuctschica..... 70
" undulata..... 46
Catillaria franciscana..... 96
Cephalozia bicuspidata 27, 39, 86, 96
" catenulata..... 27, 39
" connivens..... 47
" curvifolia..... 27, 39, 86
" divaricata..... 47
" floridae..... 11
" fluitans..... 27, 42
" Francisci..... 40
" leucantha..... 40
" Loitlesbergeri..... 42
" media..... 27, 39
" pleniceps..... 42
Cephaloziella byssacea..... 29, 42
" Brinkmani..... 11
" divaricata..... 47
" elochista..... 47
" Hampeana..... 29
" myriantha..... 29
" Rappiana..... 11
Ceratodon..... 21, 22
" purpureus..... 2, 39, 73
Ceratodon purpureus var. aristatus 73
" " " xanthopus 73
Cetraria..... 33
" pallidula..... 11
Cheilolejeunea decidua..... 14
Chiloscyphus fragilis..... 13, 29, 42
" pallescens..... 29, 42
" polyanthus..... 39
" " var. rivularis 27
" rivularis..... 27, 39, 48
Chrysohypnum chrysophyllum.... 45
" hispidulum..... 45
" polygamum..... 45
" sinuolatum..... 40
" stellatum..... 45
Cinclidium stygium..... 47
" subrotundum..... 47
Cirriphyllum..... 23
Cladonia..... 69
" alpestris..... 34
" fimbriata var. subulata... 96
" pyxidata chlorophaea..... 96
Clevea hyalina..... 28
Climacium..... 22, 23
" americanum..... 7
" dendroides..... 7, 46
Cnestrum..... 9
Cololejeunea tuberculata..... 11
Conocephalum..... 24
" conicum.... 27, 39, 86
Coscinodon..... 75
Ctenidium..... 23
" molluscum..... 47
Cyathophora quadrata..... 27, 39
Cynodontiella..... 9
Cynodontium schisti..... 9
" strumiferum..... 9
Desmatodon cernuus..... 78
" latifolius..... 3
" meridionalis..... 78
" " muticus.... 3
" " glacialis.... 3
Dermatocarpon lecideoides..... 11
Dichelyma..... 23
" capillaceum..... 44
Dichodontium pellucidum..... 39
Dicranaceae..... 2, 9
Dicranella..... 21, 22
" cerviculata..... 39, 97
" heteromalla..... 39, 69
" pusilla..... 39
" squarrosa..... 39
" varia..... 43
Dicranodontium..... 75
" denudatum..... 39
" longirostre..... 2, 39
" sparsum..... 80
Dicranoweisia..... 75
" cirrhata..... 3
Dicranum..... 9, 21, 22, 88
" arcticum..... 9
" Bergeri..... 39
" Bonjeani..... 3, 43
" brachycaulon..... 39
" brevifolium..... 3
" canadense..... 39
" condensatum..... 43

Dicranum congestum..... 39
" consobrinum..... 47
" crispulum..... 39
" Drummondii..... 43, 97
" falcatum..... 9
" flagellare..... 9, 39
" fulvum..... 39, 73
" fuscescens..... 39
" glaciale..... 9
" longifolium..... 39
" majus..... 39, 82
" montanum..... 9, 43
" " var. pulvinatum. 9
" " " flaccidum.... 9
" Muhlenbeckii..... 43
" rhabdocarpum..... 3
" rugosum..... 39
" sabuletorum..... 71
" scoparium..... 3, 39, 73
" " orthophyllum. 73
" Starkei..... 9
" subfulvum..... 73
" spurium..... 39
" subpalustre..... 43
" subfulvum..... 73
" sulcatum..... 39
" undulatum..... 39
" viride..... 39
Didymodon Hendersonii..... 49
" rigidulus..... 4
" rubellus..... 4, 39
" Soaresi..... 95
Diphyscium foliosum..... 40
Diplophylleia albicans..... 39
" taxifolia..... 27, 39
Diplophyl um taxifolium..... 27, 39
" albicans..... 39
Distichium capillaceum..... 39
Ditrichum..... 21, 22
" flexicaule..... 39
" heteromallum..... 39
" homomallum..... 39
" lineare..... 39
" pusillum..... 43
" vaginans..... 39
Drepanocladus..... 2, 22, 23, 75
" aduncus..... 7, 45
" " var. alpinus... 45
" " " gracilescens 45
" " " gracillimus 45
" " " plumosus.. 45
" " **pseudofluitans** 7
" capillifolius..... 7
" exannulatus..... 7, 45
" fluitans..... 7, 45
" Kneiffii..... 7
" " **intermedius**. 7
" Moseri..... 40
" pseudolycopodioides 40
" purpurascens..... 45
" revolvens..... 7, 45
" scorpioides..... 45
" Sendtneri..... 7, 40
" serratus..... 45
" submersus..... 45
" uncinatus..... 7
" " var. plumosus 7
" Wilsoni..... 7
Drepanolejeunea..... 85
" bidens..... 83, 86
" hamatifolia..... 84
Drummondia..... 22
Ectropothecium Dixoni..... 95
Elodium Blandowii..... 45
Encalypta..... 4
" ciliata..... 43
" contorta..... 39
" streptocarpa..... 4, 39
" vulgaris var. obtusifolius 4
Endocarpon petrolepideum..... 11
Entodon..... 23
" cladorrhizans..... 71
" orthocarpus..... 8
Ephemerum..... 75
" crassinervium..... 73
" megalosporum..... 49
" spinulosum..... 73
Eucalyx obovata..... 26
Eurynchium..... 23
" diversifolium..... 7
" fallax..... 7
" glaciale..... 40
" rusciforme..... 40, 69
" strigosum..... 46
Fabronia..... 79
Fissidens..... 2, 21, 22, 87, 88, 89
" aberrans..... 80
" adiantoides..... 39
" autoicus..... 94
" cristatus..... 39, 71
" decipiens..... 39
" minutulus..... 47
" osmundioides..... 39
" serrulatus..... 79
Fontinalaceae..... 8
Fontinalis..... 23
" antipyretica... 2, 8, 44, 91
" " var. gigantea.... 91
" " " gracilis..... 91
" " " laxa..... 91
" " " robusta..... 91
" arvernica..... 91
" biformis..... 44
" Camusi..... 91
" Cardoti..... 44
" Dalecarlica..... 39
" Delamarei..... 39
" flaccida..... 44
" gigantea..... 39
" gothica..... 91
" hypnoides..... 91
" Lescurii..... 44
" novae-angliae..... 44
" seriata..... 39
" Sullivantii..... 44
Fossombronia crispula..... 67, 68
" foveolata..... 27, 41
" Wondraczeki..... 97
Frullania Asagrayana.. 27, 30, 39, 86
" Bolanderi..... 28, 30
" Brittoniae..... 86
" eboracensis..... 27, 30, 39
" Oakesiana..... 30, 39
" Selwyniana..... 27, 30
" Tamarisci..... 39
Funariaceae..... 5

Funaria..... 21, 22, 35
" americana..... 35
" flavicans..... 36
" hygrometrica... 5, 36, 39, 89
" " var. patula..... 89
Geocalyx..... 24
" graveolens..... 27, 39
Georgia..... 21, 22
" geniculata..... 40
" pellucida..... 40
Gongronia strumifera..... 9
Grimaldia fragrans..... 35
" rupestris..... 27
Grimmiaceae..... 3, 8
Grimmia..... 20, 21, 22, 88
" apocarpa..... 3, 39, 92
" " var. alpicola.... 92
" " " rivularis.... 3
" " " californica.. 3
" " " calyptrata.. 3
" " " commutata. 3
" " " conferta.... 43
" " " Doniana.... 3
" " " gracilis..... 39
" montana..... 3
" Olneyi..... 50
" ovata..... 3
" retracta..... 26
" trichophylla..... 3
" " var. Lisae..... 79
Gymnostomum calcareum..... 39
" pusillum..... 39
" rupestre..... 40
Gymno-ischryodon (Sect. of Fabronia)..... 79
Gyroweisia pusilla..... 39
Harpanthus scutatus..... 29, 39
Hassea..... 32
Hedwigia..... 23
" albicans..... 3, 39
" ciliata..... 39, 50
Helodium..... 22, 23
Heterocladium squarrosulum..... 44
Heterophyllon Haldanianum..... 46
Homalia..... 23
" Jamesii..... 40
" Macounii..... 47
Homaliodendron Fleischeri..... 95
Homalothecium..... 48
Hoppia Despreuxii..... 96
" Hassei..... 96
Hygroamblystegium filicinum..... 45
Hygrobiella laxifolia..... 40
Hygrohypnum alpestre..... 45
" dilatatum..... 8, 45
" eugyrium..... 26, 40
" molle..... 8
" ochraceum..... 8, 40
" palustre..... 8, 45
" Smithii..... 45
Hylocomium..... 22, 23
" brevirostre..... 40
" calvescens..... 47
" loreus..... 40
" splendens..... 45
Hylocomium squarrosus..... 40
" triquetrum..... 45
" umbratum.... 27, 40, 82
Hymenophyllum Wilsoni..... 26
" tunbridgense..... 26
Hymenostylium curvirostre..... 43
Hyocomium flagellare..... 26
Hypnaceae..... 6
Hypnum..... 22, 23
" arcticum..... 45
" callichroum..... 46
" canadensis..... 46
" cordifolium..... 40
" chrysophyllum..... 45
" crista-castrensis..... 2, 46
" cupressiformis..... 46
" curvifolium..... 40
" cuspidatum..... 40
" eugyrium..... 40
" exannulatum..... 45
" fastigiatus..... 47
" fertilis..... 40
" filicinum..... 45
" fluitans..... 45
" Haldanianum..... 46
" hamulosum..... 8
" hispidulum..... 45
" imponens..... 2, 40
" liliputianum..... 10
" molluscoides..... 40
" Moseri..... 40
" ochraceum..... 40
" pallescens..... 8
" palustre..... 92
" " var. subsphaerocarpon 90, 92, 93
" " " dolichoneuron. 92, 93
' Patientiae..... 8, 72
" plicatile..... 8
" pratense..... 8
" pseudolycopodioides..... 40
" reptilis..... 46
" revolutum..... 2, 8
" " var. pygmaeum... 8
" riparium var elongatum... 91
" " " splendens... 91
" Schreberi..... 46
" Sendtneri..... 40
" sinuolatum..... 40
" stramineum..... 40
" subsphaericarpon..... 92
" uncinatum..... 45
" Waghornei..... 40
Ishibaea..... 48
Isopterygium..... 23
" deplanatum..... 47
" elegans..... 46
" Muellerianum..... 46
" pulchellum..... 46
" turfaceum..... 46
Isothecium myosuroides..... 26
" " var. rivulare.... 26
Jamesoniella autumnalis... 27, 39, 86
" heterostipa..... 11
Jubula pennsylvanica..... 69

Jungermannia autumnalis..... 27, 39
" cordifolia..... 27, 39
" lanceolata..... 28, 39
" pumila..... 27
Kantia Trichomanis..... 27, 39
Kiaeria falcata..... 9
" glacialis..... 9
" Starkei..... 9
" " var. alpestris..... 9
" " " Blyttii..... 9
" " " fallax..... 9
" " " laxiretis..... 9
" " " obtusula..... 9
" " " riparia..... 9
" " submamillosa.. 9
Lecania Dudleyi..... 96
Lecanora..... 95
" cineraria..... 50
" subfusca rugosa..... 82
Lecidea..... 95
" atrobrunnea..... 96
" cinerata..... 96
Lejeunea cavifolia..... 26, 27, 42
" clypeata..... 83
" patens..... 26, 39
Lepidozia Pearsoni..... 26
" reptans..... 27, 39
" setacea..... 42, 93
" sylvatica..... 93
" trichocladus..... 93
Leptobryum..... 21
" pyriforme..... 5, 39
Leptodontium excelsus..... 39
Leptolejeunea..... 83
Leskea..... 23
" nervosa..... 6
" Williamsii filamentosa..... 6
Leskeella nervosa..... 44
Leucobryum..... 21, 22, 88
" albidum..... 71
" glaucum..... 27, 39
" vulgare..... 39
Leucodon..... 23
" brachypus..... 47
" sciuroides..... 44
Leucolejeunea unciloba..... 86
Lophocolea heterophylla..... 27, 39
" Macounii..... 27
" minor..... 29
Lophozia alpestris..... 27, 41
" attenuata..... 39
" badensis..... 28, 41
" Baueriana..... 28
" barbata..... 27, 39, 97
" bicrenata..... 28, 86
" Binsteadii..... 41
" confertifolia..... 28
" excisa..... 28
" exsecta 27
" " var. "scitula".... 27
" Floerkii..... 28
" Hatcheri..... 28
" heterocolpa..... 29
" incisa..... 27, 39
" inflata..... 27, 39
Lophozia Kaurini..... 29, 42
" Kunzeana..... 29
" longidens..... 29, 39
" longiflora..... 27, 28
" lycopodioides..... 29, 47
" Michauxii..... 27
" minutus..... 39
" Muelleri..... 27, 28
" polita..... 27
" porphyroleuca..... 27, 42
" quinquedentata..... 27, 39
" saxicola..... 27
" ventricosa..... 27, 39
" " var. longiflora..... 27
" " " porphyroleuca 27
Lunularia cruciata..... 70
Macromitrium assimile..... 80
Madotheca Porella..... 26
" rivularis..... 65
Marchantiaceae..... 19
Marchantia.....
" polymorpha..... 27, 39
Marsupella aquatica..... 41
" emarginata..... 39
" sparsifolia..... 14
" sphacelata..... 39
" Sullivantii..... 28, 39, 97
" ustulata..... 41
Meesia trichodes..... 47
" uliginosa..... 47
Metzgeria conjugata..... 26
" furcata..... 28, 40, 86
" grandiflora..... 79
" myriopoda..... 27, 28
Metzlerella alpina..... 9
Metzleria alpina..... 9
Microbryum Floerkeanum..... 73
Microlejeunea bullata..... 86
" Ruthii..... 86
" ulicina..... 27, 47
Micromitrium..... 75
Microthamnium cavefolium..... 80
" cygnicollum..... 80
Mniobryum albicans..... 5, 47
" carneum..... 47
Mnium..... 21, 22, 24
" affine..... 39
" " var. rugicum..... 5
" ciliare..... 39
" cuspidatum..... 44
" Drummondii..... 39
" cinclidioides..... 44
" hornum..... 5, 39
" hymenophylloides..... 39
" marginatum..... 6, 44
" medium..... 44
" orthorrhynchum..... 6, 44
" pseudolycopodioides..... 47
" punctatum..... 6, 39
" " var. elatum..... 6
" rostratum..... 6
" spinulosum..... 6, 44
" stellare..... 39
Mylia anomala..... 27, 42
" Taylori..... 27, 39

Myurella..... 23
" Careyana..... 40
" gracilis..... 40
" julacea..... 44
Nanomitrium synoicum..... 49
Nardia crenulata..... 28, 39
" crenuliformis (Pl. II, figs. 1-9)..... 24, 25
" Geoscyphus..... 47
" hyalina..... 24
" obovata..... 41
" scalaris..... 40
Neesiella pilosa..... 28
" rupestris..... 27
Neckera..... 23
" complanata..... 40
" Hoehneliana..... 80
" Hoehnelii..... 80
" pennata..... 8, 40
Ochrolechia pallescens..... 34
Odontoschisma denudatum 29, 39, 86
" Macounii..... 42
" Sphagni..... 39
Oligotrichum incurvum..... 34
" " var. latifolium.. 34
" " " brevifolium. 34
Omphalaria..... 95
Oncophorus..... 9
" polycarpos..... 3, 43
" virens..... 3
" " serratum..... 3
Opegrapha atrorimalis..... 96
" vulgata..... 96
Orthotrichaceae..... 4, 8
Orthotrichum..... 21, 22, 88
" affine..... 39
" alpestre..... 4
" fastigiatum..... 39
" Hallii..... 4
" Kingianum..... 4
" Lyellii..... 4
" obtusifolium..... 39
" ohioense..... 71
" Porteri..... 71
" rupestre..... 39
" Schimperi..... 4
" Schlotthaueri..... 4
" Shawii..... 4
" speciosum..... 4, 47
" " polycarpum.. 5
' strangulatum..... 47
" Watsoni..... 5
Oxyrhynchium..... 23
" praelongum..... 46
" rusciforme..... 40
" " var complanatum.... 46
Pallavicinia Lyellii..... 41
Parmelia cylisphora..... 96
" tiliacea..... 96
Parmeliella lepidota coralliphora... 96
Pellia..... 24
" epiphylla..... 27, 39
" Fabroniana..... 41
" Neesiana..... 28, 41
Pertusaria flavicunda..... 96
Pestalozzia..... 89
Phascum..... 75
" bryoides pilifera..... 73
" carniolicum..... 17
" cuspidatum americanum.. 73
" piliferum..... 73
Philonotis..... 20, 21, 22
" americana..... 40
" calcarea..... 79
" fontana..... 39, 71
" Marchica..... 44
" Muhlenbergii..... 5
" seriata..... 5
Physcia asteroidea..... 96
" tribacea..... 50, 96
Physcomitrium..... 21, 22
" Drummondii..... 71
" Hookeri..... 71
" immersum..... 73
Plagiochila asplenioides.... 26, 27, 39
" punctata..... 27
" Smallii..... 14
" spinulosa..... 26, 27
Plagiopus Oederi..... 39
Plagiothecium..... 23
" aciculari-pungens.... 40
" denticulatum. 8, 40, 91
" " var. laetum.... 92
" " f. propagulifera 91
" elegans..... 46
" Muhlenbeckii..... 40
" Roeseanum..... 47, 91
" " var. gracile.. 91
" striatellum..... 40
" Sullivantiae..... 47, 91
" sylvaticum..... 46, 91
" turfaceum..... 46
Platygyrium..... 23
Pleuridium Bakeri..... 49
" Bolanderi..... 49
Pogonatum..... 21, 22
" aloides..... 34
" alpinum..... 34, 40
" " brevifolium..... 2
" bornense..... 95
" brevicaule..... 40
" dentatum var. minus... 34
" longidens..... 34
" mnioides..... 34
" nanum..... 34
" polytrichoides..... 34
" tenue..... 40
" urnigerum..... 34, 40, 82
Pohlia..... 21, 22
" annotina..... 47
" commutata..... 6
" cruda..... 6, 39
" nutans..... 6, 44
" proligera..... 6, 47
" pseudocarneum..... 47
" pulchella..... 47
" sphagnicola..... 47
Polytrichaceae..... 2, 33
Polytrichum..... 21, 22, 50

Polytrichum alpinum..... 34, 40
" " var. propinquum 34
" cavifolium..... 70
" commune..... 40, 47, 71
" gracile..... 2
" " var. anomalum.. 47
" inconstans..... 34
" Jensenii..... 34
" juniperinum..... 2, 47
" " var. alpinum.... 2
" laevigatum..... 70
" ohioense..... 40
" piliferum..... 2, 47
" strictum..... 47
" Swarzii var. nigrescens 34
" Wahlenbergii..... 34
Porella pinnata..... 30, 81
" platyphylla.... 27, 39, 81, 86
" platyphylloides..... 81
Preissia quadrata..... 27, 39
Psilopilum laevigatum..... 34, 70
" tschuctschicum.... 34, 70
" " var. hymenocarpum 34
" " " aloma..... 34
Pterygynandrum decipiens..... 40
" filiforme..... 44
Ptilidium ciliare..... 27, 39, 42
" pulcherrimum..... 27, 42
Ptilium..... 22, 23
" crista-castrensis..... 46, 97
Ptychomitrium incurvum..... 71
Pylaisia..... 23
" intricata..... 40, 44
" polyantha..... 40
" " pseudo-platygyrium 40
" pseudo-platygyrium..... 40
" Schimperi..... 40
Racomitrium (see Rhacomitrium)
Radula complanata..... 27, 39, 86
Ramalina combeoides..... 96
" pollinaria f. elatior..... 96
" reticulata..... 82
Rhaphidostegium..... 10
" laxepatulum..... 40
" liliputanum..... 10
" liliputianum..... 10
" lilliputianum..... 10
" Roellii..... 40
" Whitei..... 40
Reboulia hemisphaerica..... 35
Reinkella Parishii..... 33
Reynauldia Hoehnelii..... 80
Rhabdoweisia..... 9, 75
" crispata..... 37, 38, 69
" fugax..... 38, 69
Rhacomitrium..... 20, 21, 22
" affine..... 47
" aciculare..... 39, 79
" canescens..... 39
" fasciculare..... 39
" hypnoides..... 39
" lanuginosum..... 39
" microcarpum.... 39, 79
" Nevii..... 47
" protensum..... 23
Rhacomitrium robustifolium..... 47
" sudeticum..... 44
Rhizocarpon geminatum..... 96
Rhizogonium medium laxifolium... 95
Rhodobryum..... 21, 22
Rhynchostegium..... 23
" deplanatum..... 47
" rusciforme..... 26
Rhytidiadelphus..... 22, 23
" calvescens..... 47
" loreus..... 40
" squarrosus..... 40
" triquetrus..... 45
Riccardia latifrons..... 27, 39
" multifida..... 41
" palmata..... 47
" pinguis..... 27, 41
" sinuata..... 41
Ricciaceae..... 68
Riccia arvensis..... 27
" crystallina..... 68
" dictyospora..... 13
" fluitans..... 27, 68
" " var. canaliculata.... 68
Ricciella fluitans..... 27
Ricciocarpus natans..... 27, 68
" " var. terrestris.. 27
Rinodina dirinoides..... 11
" euryospora..... 11
" succedens..... 96
Saccogyna viticulosa..... 26, 27
Saelania..... 22
Scapania apiculata..... 47
" Bolanderi..... 47
" curta..... 27
" dentata..... 42
" glaucocephala..... 27
" gracilis..... 26, 39
" irrigua..... 27, 47
" nemorosa..... 24, 27, 39
" " var. uliginosa..... 26
" paludicola..... 30, 42, 81
" Oakesii..... 42, 81
" subalpina..... 26, 30, 42
" umbrosa..... 30, 42
" undulata..... 27, 39
Scytalina..... 9
Seligeria..... 75
Sematophyllum delicatulum..... 40
" Downii..... 95
" recurvans..... 46
" rigens..... 95
" tenuirostris..... 46
Sphaerangium..... 75
Sphagnaceae..... 78
Sphagnum..... 2, 20, 21, 22
" acutifolium..... 42
" capillaceum..... 42
" " var. tenellum... 43
" cuspidatum..... 43
" " var. Torreyi.... 43
" Dusenii..... 37
" fuscum..... 43
" Girgensohnii..... 43
" imbricatum..... 39, 47

Sphagnum magellanicum..... 43
" molle..... 47
" molluscum..... 27
" palustre..... 40
" papillosum..... 43
" platyphyllum..... 97
" plumulosum var. flavi-
" comans..... 43
" pulchrum..... 43
" Pylaesii..... 39
" quinquefarium..... 43
" recurvum..... 43
" robustum..... 43
" rubellum..... 27
" rufescens..... 43
" squarrosum..... 43
" subsecundum..... 43
" tabulare..... 47
" tenellum rubellum..... 43
" tenerum..... 43
" teres..... 43
Sphenolobus exsectaeformis..... 29
" exsectus..... 27, 42
" Hellerianus..... 29, 42
" Michauxii..... 27, 42
" minutus..... 29, 39
" politus..... 27, 30
" saxicolus..... 27, 30
" scitulus..... 27, 28
Splachnum ampullaceum..... 39
Stereodon..... 22, 23
" callichrous..... 26, 46
" canadensis..... 47
" canariensis..... 40
" cupressiformis..... 46
" curvifolius..... 40
" fastigiatus..... 47
" imponens..... 40
" Jamesii..... 47
" liliputianus..... 10
" Lindbergii..... 46
" molluscoides..... 40
" pallescens..... 46
" pratensis..... 46
" reptilis..... 46
Swartzia montana..... 3, 39
Syrrhopodon..... 95
" Binsteadii..... 94
" Ledruanus..... 94
" " var. involutus... 94
" patulifolius..... 94
" trachyphyllus albi-
frons..... 94
Taxithelium Binsteadii..... 80
" isopterygioides..... 80
" subintegrum..... 95
Tayloria tenuis..... 39
Temnoma setiforme..... 27
Tetraplodon angustatus..... 44
" australis..... 39
Tetraplodon bryoides..... 44
Thamnium allegheniense..... 97
Thelia..... 23
Theloschistes..... 33
Thuidium..... 23
" abietinum..... 44
" Blandowii..... 6, 45
" delicatulum..... 45
" microphyllum..... 71
" paludosum..... 6
" Philiberti..... 40
" recognitum..... 45, 71
" virginianum..... 71
Timmia..... 71
" austriaca..... 5
Tortella..... 21
" tortuosa..... 4, 39, 69
Tortulaceae..... 3, 8
Tortula Abronchesi..... 95
" canescens..... 4
" latifolia..... 3, 4
" mucronifolia..... 4, 47
" muralis..... 4
" ruralis..... 4
" Solmsii..... 79
" subulata..... 4
" " var. subinermis... 4
Trematodon..... 22
" ambiguus..... 39
Trichocolea tomentella..... 27, 42
Trichodon tenuifolius..... 39
" cylindricus..... 39
Trichosteleum Downii..... 95
Trichostomum cylindricum..... 4
" sarawakense..... 94
Triquetrella arapilensis..... 78
Ulota..... 22
" americana..... 44
" crispa..... 39
" crispula..... 47
" Drummondii..... 39
" intermedia..... 39
" Ludwigii..... 39
" maritima..... 39
" phyllantha..... 39, 90
" ulophylla..... 39
Usnea ceratina..... 81
Vesicularia caloblasta..... 80
Webera..... 22
" albicans..... 47
" annotina..... 47
" carneum..... 47
" cruda..... 39
' Lescuriana..... 47
" pseudo-carneum..... 47
" sphagnicola..... 47
" sessilis..... 40, 69
Weisia..... 9
" viridula..... 43
Zygodon..... 75

INDEX TO TITLES

Bornean Mosses (A Review). John M. Holzinger..... 94–95
Clarke, Cora H. [Obituary Notice] Annie L. Read..... 73–74
Colorado, Mosses of, from Tolland and Vicinity. A. J. Grout..... 1–8
Conocephalus, Odor of. O. E. Jennings..... 86
Demetrio's Missouri Mosses. Benjamin F. Bush..... 71–73
Drepanolejeunea, A Genus New to North American Hepaticae. Caroline C. Haynes..... 83–86
Dunham. *How to Know the Mosses.* Review by John M. Holzinger 74–75
Election, S. M. S. [Notice of].... 97
Election of Officers for the Year 1916, Report of..... 13
Exchange Department..17, 34, 82, 97
Fissidens, Notes on,—I. Difficulties in Determining the Oldest Species. Elizabeth G. Britton 87–89
Fossombronia crispula in the Dune Region of Indiana. E. J. Hill 67–68
Funaria, Notes on. E. J. Hill.. 35–37
Fungus Spores in a Moss-Capsule. Elizabeth M. Dunham..... 89–90
Hagen's Norwegian Dicranaceae, A Review of. John M. Holzinger 9
Hasse Lichen Herbarium, Duplicates from. Charles C. Plitt 48–49
Hasse Lichens, The. Edward B. Chamberlain..... 96
Hasse, Dr. Hermann Edward. [Obituary Notice] Charles C. Plitt..... 30–33
Hepatic, A Hue and a Cry for a Lost and Undescribed. Caroline C. Haynes..... 96
Japanese Mosses, Two Reviews of. John M. Holzinger..... 48
Lunularia cruciata (L.) Dum., in the Open. George L. Moxley.. 70
Meeting of the Sullivant Moss Society..... 81, 96
Membership List, Sullivant Moss Society. E. B. Chamberlain 15–17
Mnium antiquorum Cardot and Dixon, an Extinct Moss. H. N. Dixon..... 51–52
"Moss Exchange Club," Extracts from Recent Reports of the. O. E. Jennings..... 90–94
Mosses, How to Know the, without the Aid of a Lens. [Analytical Keys] Elizabeth M. Dunham..... 18–23
Mt. Monadnock Region, N. H., Lichens of the.—No. 7. Thomas Durfee..... 65–66
Nardia crenuliformis (Aust.) Lindb., Notes on. Annie Lorenz... 24–25
New Mexican Hepaticae, Additional Notes upon. Paul C. Standley..... 64–65
Nomenclature, A Correction in. I. Hagen..... 70
Notes, Shorter. 33–34, 49–50, 66, 78–81, 95
Nova Scotia, The Bryophytes of, with Special Reference to Cape Breton. George E. Nichols 38–47
Pech Catalogue—Missouri, The Mosses of. Benjamin F. Bush 52–60
Philadelphia, Mosses Rare in. George B. Kaiser..... 69
Quebec, Additions to the Hepatic Flora of. Alexander W. Evans 27–30
Quebec, Canada, Mosses, Hepatics, and Lichens of the Quartzite Hills of the Kamouraska Formation. Fr. M. Victorin..... 60–64
Range, Two Extension of. A. LeRoy Andrews..... 37–38
Renauld and Cardot. *Mosses of Madagascar.* Notice by J. Cardot..... 75
Roell. *Theuringer Torf- und Laubmoose.* Review by John M. Holzinger..... 76–78
Reports, Annua S. M. S., 1915:
President's Report. Alexander W. Evans..... 11
Secretary-Treasurer's Report. Edward B. Chamberlain.. 11–12
Report of Curator of Hepatic Herbarium. George H. Conklin..... 13–14
Report of Curator of Lichen Herbarium. Charles C. Plitt..... 14
Report of Curator of Moss Herbarium. George B. Kaiser... 13
Rectification, Une. I. Thériot.... 10
Sullivant Moss Society Notes. E. B. Chamberlain..... 66, 82
Wales, North, Some Bryologi al Photographs f om. P. G. M. Rhodes..... 26–27
Wheeler, Miss Jane. [Obituary Notice] H(arriet) W(heeler)... 34

INDEX TO AUTHORS

Andrews, A. LeRoy..... 37–38
Britton, Elizabeth G..... 87–89
Bush, Benjamin F..... 52–60, 71–73
Cardot, J..... 75
Chamberlain, E. B. 11–12, 15–17, 33–34, 49, 66, 78–81, 82, 96.
Conklin, George H..... 13–14
Dixon, H. N..... 51–52
Dunham, Elizabeth M.. 18–23, 89–90
Durfee, Thomas H..... 65–66
Evans, Alexander W..... 11, 27–30
Grout, A. J..... 1–8

Hagen, I. 70
Haynes, Caroline C. 83–86, 96
Hill, E. J. 35–37, 67–68
Holzinger, John M. 9, 48, 74–75, 76–78, 94–95
Jennings, O. E. 49, 50, 80–81, 86, 90–94.
Kaiser, George B. 13, 69
Lorenz, Annie. 24–25
Moxley, George L. 70
Nichols, George E. 38–47
Plitt, Charles C. . . 14, 30–33, 48–49
Read, Annie L. 73–74
Rhodes, P. G. M. 26–27
Standley, Paul C. 64–65
Theriot, I. 10
Victorin, Fr. M. 60–64
Wheeler, Harriet. 34

ERRATA

Page 4, line 23, for *cylidricum* read cylindricum; line 34, for *Lyeli* read Lyellii.
Page 11, line 12, for *Rinodinia* read *Rinodina*.
Page 11, line 15, for *petrolepidum* read *petrolepidium*.
Page 22, line 16, add *Polytrichum*.
Page 23, line 3, add or closely pinnate.
Page 27, line 30, for *saxicola* read *saxicolus*.
Page 30, line 13, for *saxicola* read *saxicolus*.
Page 39, line 18, for *Sphnagnum* read *Sphagnum*.
Page 96, line 23, for *Opeographa* read *Opegrapha*.